



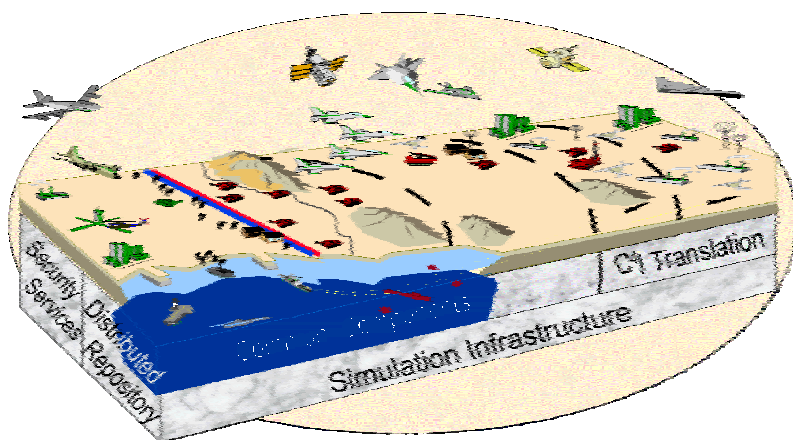
*Joint Simulation System
(JSIMS)
Program Update*

*Ms Laura Knight
Senior Civilian Official*

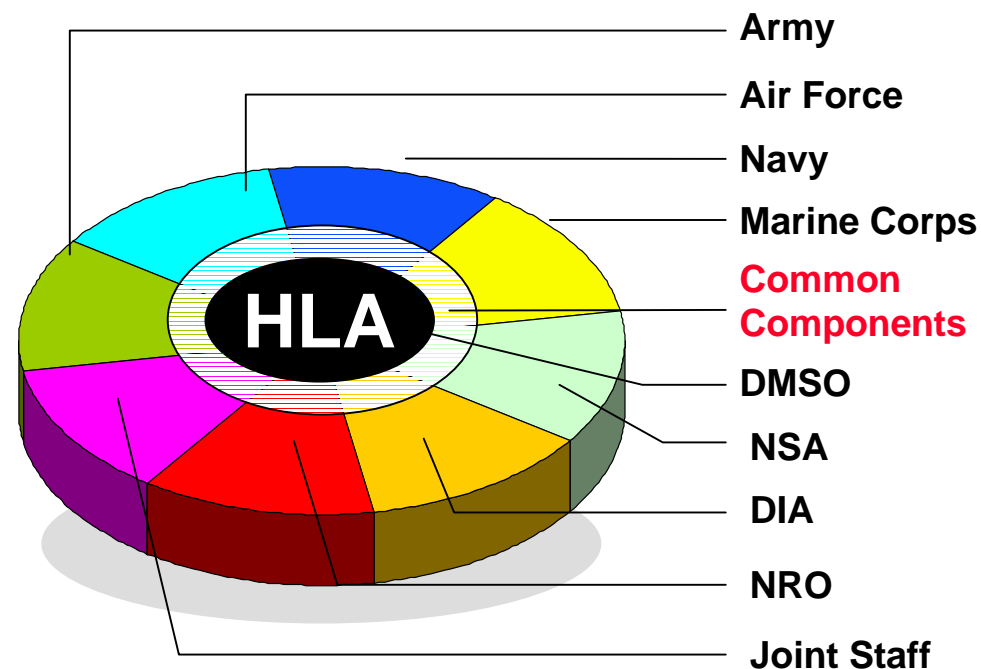
*DMSO Industry Days
24 May 00*

REPORT DOCUMENTATION PAGE				Form Approved OMB No. 0704-0188	
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1. REPORT DATE (DD-MM-YYYY) 24-05-2000		2. REPORT TYPE Briefing		3. DATES COVERED (FROM - TO) xx-xx-2000 to xx-xx-2000	
4. TITLE AND SUBTITLE Joint simulation system (JSIMS) Program Update Unclassified				5a. CONTRACT NUMBER	
				5b. GRANT NUMBER	
				5c. PROGRAM ELEMENT NUMBER	
6. AUTHOR(S) Knight, Laura ;				5d. PROJECT NUMBER	
				5e. TASK NUMBER	
				5f. WORK UNIT NUMBER	
7. PERFORMING ORGANIZATION NAME AND ADDRESS JSIMS XXXXX, XXXXXXX				8. PERFORMING ORGANIZATION REPORT NUMBER	
9. SPONSORING/MONITORING AGENCY NAME AND ADDRESS United States Department of Defense Defense Modeling and Simulation Office 1901 N. Beauregard St., Suite 500 Alexandria, VA22311-1705				10. SPONSOR/MONITOR'S ACRONYM(S)	
				11. SPONSOR/MONITOR'S REPORT NUMBER(S)	
12. DISTRIBUTION/AVAILABILITY STATEMENT APUBLIC RELEASE					
13. SUPPLEMENTARY NOTES					
14. ABSTRACT DoD's "flagship" modeling and simulation program for the warfighters. Replace outdated Service legacy systems. Real-world C4I systems...using common components. Distributed training...mission planning...mission rehearsal. Achieve the CJCS goal to "move more electrons and fewer troops.					
15. SUBJECT TERMS					
16. SECURITY CLASSIFICATION OF:		17. LIMITATION OF ABSTRACT Public Release	18. NUMBER OF PAGES 13	19. NAME OF RESPONSIBLE PERSON Fenster, Lynn lfenster@dtic.mil	
a. REPORT Unclassified	b. ABSTRACT Unclassified	c. THIS PAGE Unclassified		19b. TELEPHONE NUMBER International Area Code Area Code Telephone Number 703767-9007 DSN 427-9007	
				Standard Form 298 (Rev. 8-98) Prescribed by ANSI Std Z39.18	

What is JSIMS ?



A Joint, interoperable simulation



A collaborative effort of nine partner simulations

- DoD's "flagship" modeling and simulation program for the warfighters
 - Replace outdated Service legacy systems
 - Real-world C4I systems ... using common components
 - Distributed training ... mission planning ... mission rehearsal
 - Achieve the CJCS goal to "move more electrons and fewer troops"

History

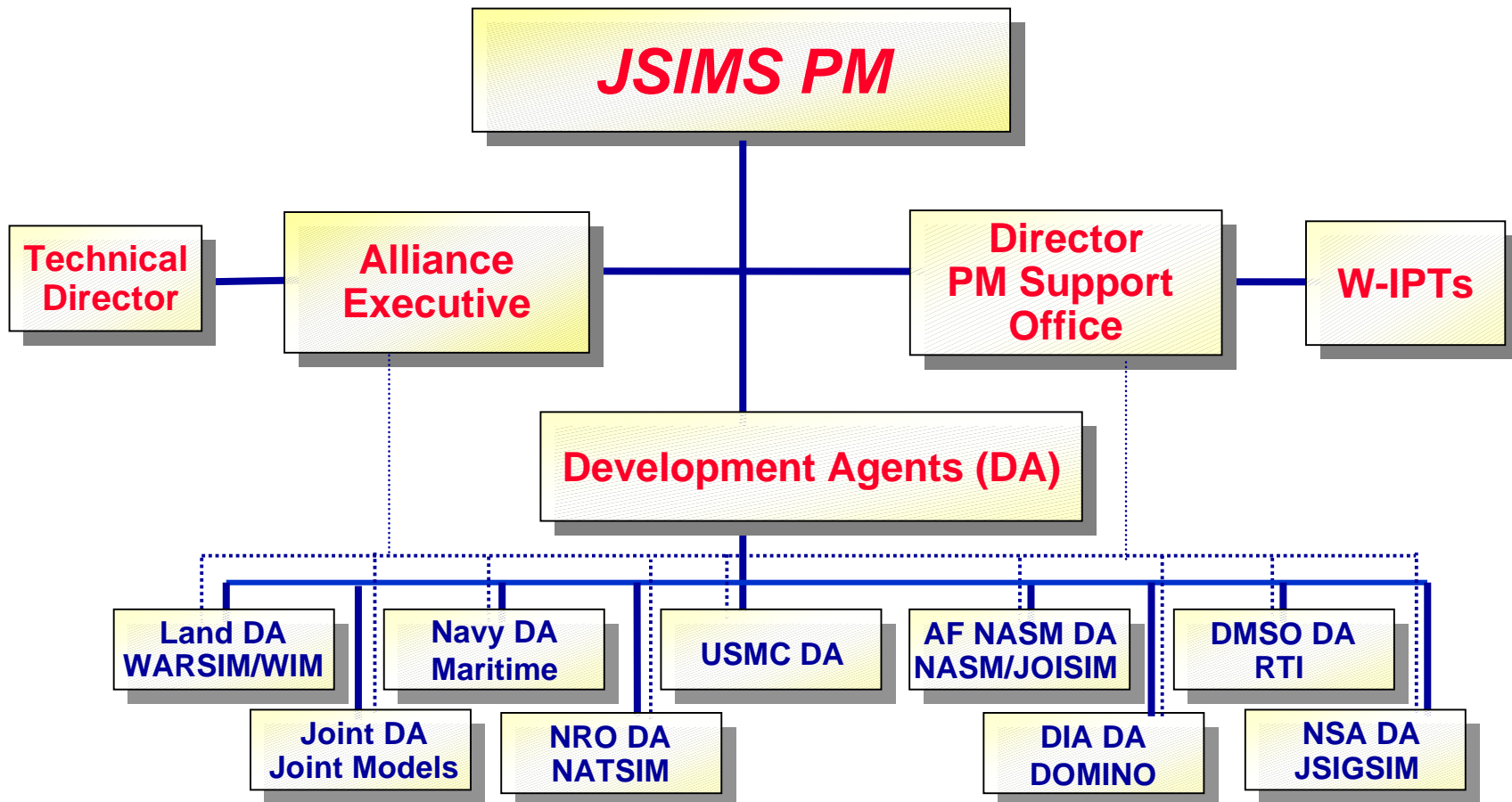


- **Jun 94: JSIMS program initiated**
 - Core significantly underfunded from the beginning (\$60M)
 - Intelligence Agencies and Security not considered / included
- **Dec 96: Revised MOA approved**
- **Oct 99: OSD Technical Review conclusion**
 - Serious technical risks ... management and funding problems
- **Nov 99: DUSD(S&T) chaired a Senior Review Board**
 - Made programmatic recommendations to USD(AT&L)

Recent events

- **USD(AT&L) Acquisition Decision Memo (16 Dec 99)**
 - Designate JSIMS an ACAT 1D Program
 - Change PEO from Air Force to the Army
 - Transition to High Level Architecture (HLA)
 - Rebaseline the program and revise the MOA
 - Development Agents report to new PEO
- **Program rebaselined (Jan - Mar 00)**
 - Cost, schedule, and performance revised
 - OSD “executive” sessions 29 Mar 00 and 5 Apr 00
 - PDUSD(AT&L) briefed 7 Apr 00
 - PDUSD(AT&L) memo, 19 Apr 00
 - Directed FY 01-07 funding actions to “ fully fund the program”

JSIMS Program Management Organization

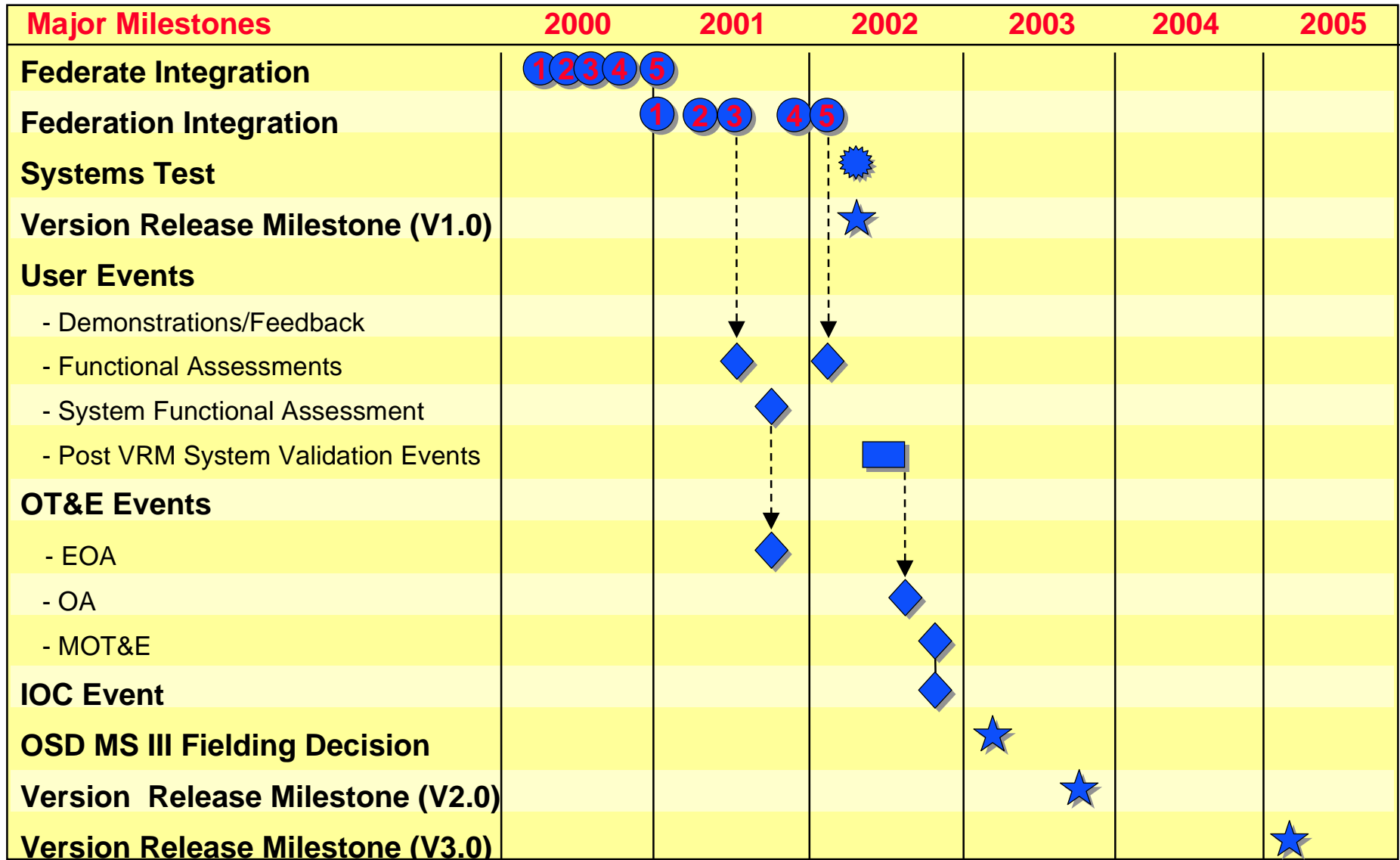


Schedule



- **IOC dates:**
 - Dec 99: established by original MOA ('94)
 - Apr 01: result of new APB/inadequate funding ('98)
 - Nov 02: delay of “core” infrastructure / inadequate funding
- **Mar 02: version release milestone (VRM) 1.0**
 - Software ready for Service / Agency use
- **Nov 02: JWFC conduct an initial Joint training event**

Master Schedule

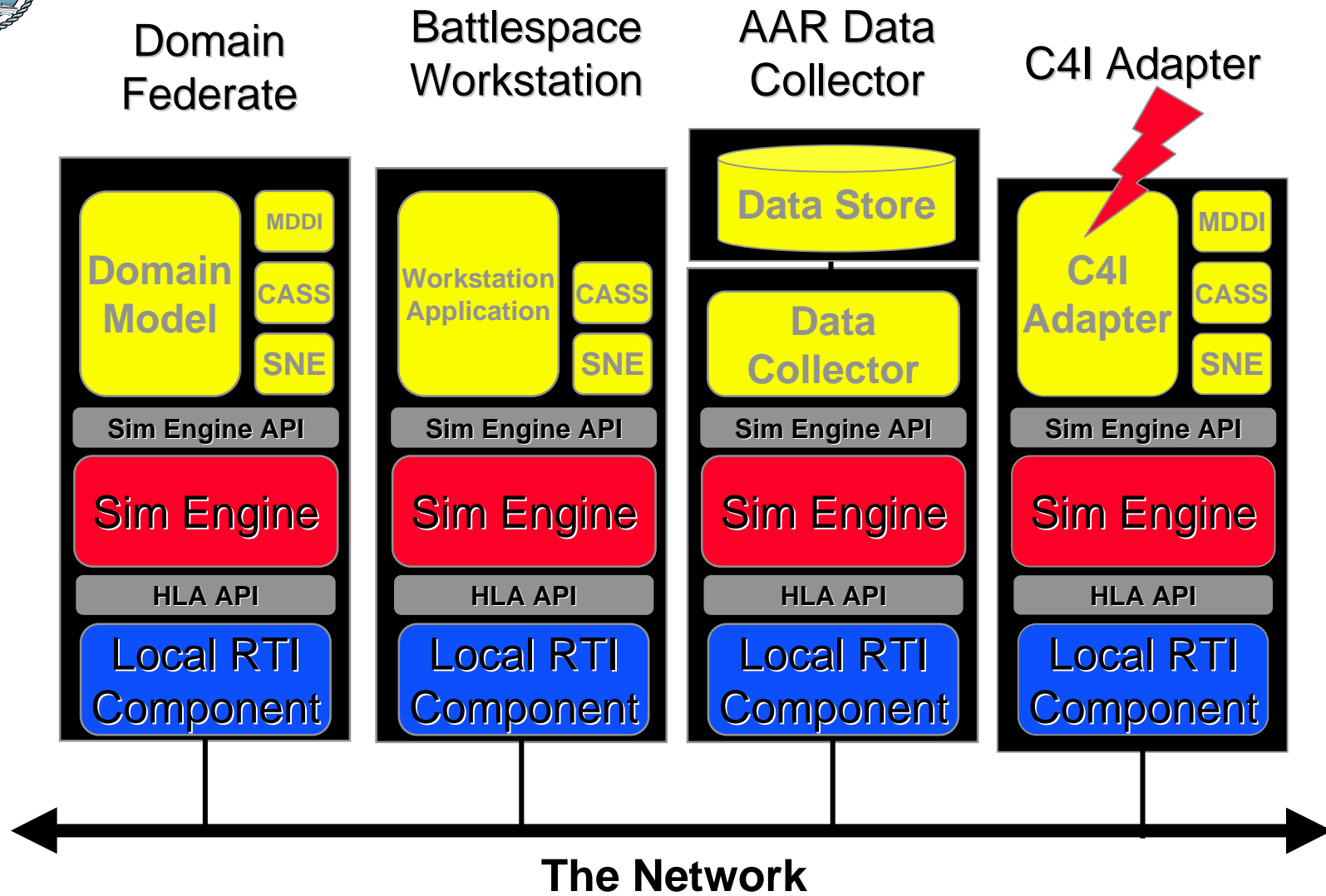


Elements to achieve success

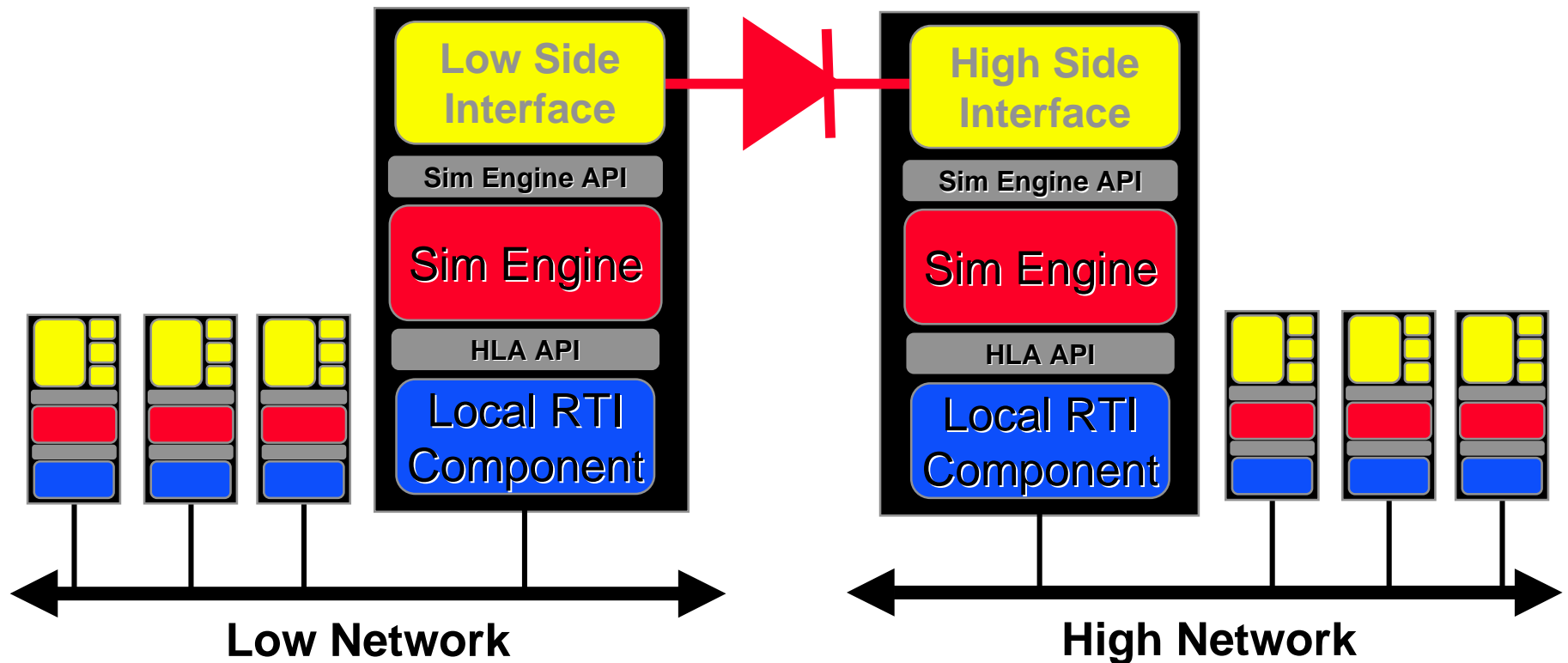


- **Partnership and trust are absolutely essential**
- **Integration demonstrated in small steps**
 - Solve problems early
 - Build users' and developers' confidence early ... and often
- **Defense Modeling and Simulation Office**
 - Now a partner for developing High Level Architecture (HLA)
 - HLA is the key to success
- **Basic software fundamentals**
 - Data flow analyses ... early prototyping ... risk mitigation plan

Major Federates and Their Parts

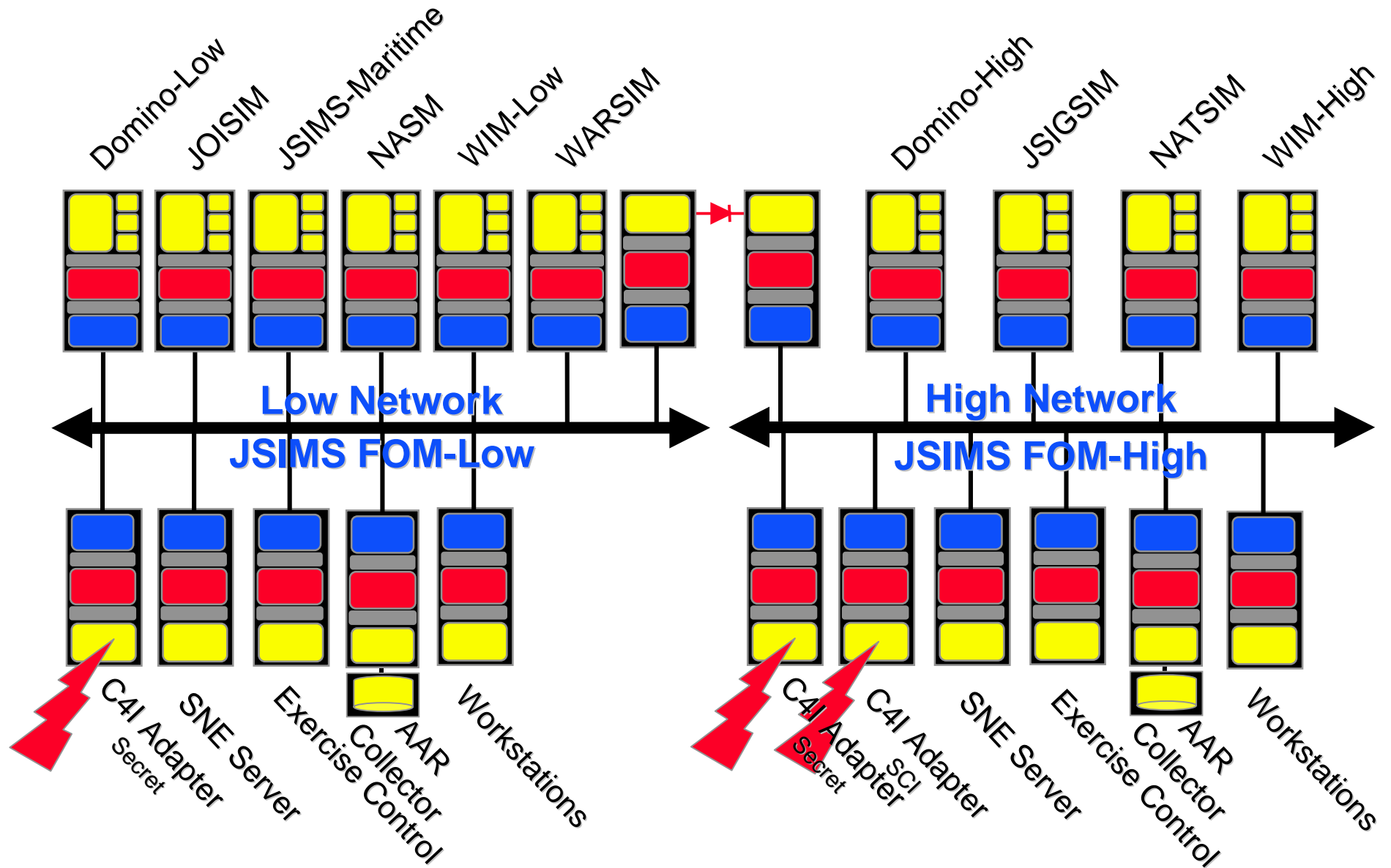


Security Federation Connector



Provides Low to High Transfer

JSIMS



PEO assessment



- Program is executable for Mar 02 version release if:
 - FY 01 Joint Staff UFR of \$18.2M is resolved
 - Services / Agencies commit to fully funding their requirements
 - OSD protects Service / Agency programs from programmatic cuts, withholds, taxes, etc.
 - All partners deliver their software components on time



Discussion